Edgardo Barsallo Yi

https://www.linkedin.com/in/ebarsallo
ebarsall@purdue.edu | 765.409.9949

EDUCATION

PURDUE UNIVERSITY
PHD IN COMPUTER SCIENCE
Dec 2018 | West Lafayette, IN
GPA: 3.33

UNIVERSIDAD PONTIFICIA DE SALAMANCA
MASTER IN SOFTWARE ENGINEERING
Mar 2007 | Madrid, Spain

GRADUATE DIPLOMMA IN E-COMMERCE
Sept 2003 | Panama, Panama

BS, COMPUTER SYSTEM ENG
Oct 1999 | Panama, Panama

LINKS

http:// ebarsallo.github.io
Github:// **ebarsallo**
LinkedIn:// **ebarsallo**

COURSEWORK

GRADUATE
Operating Systems
Algorithms Analysis and Design
Parallel Computing
Software Engineering
Information Retrieval
Data Mining
Databases
Interactive Computer Graphics

UNDERGRADUATE
Software Engineering *TA))*
Programming in C *(TA)*

SKILLS

Significant Experience:
C/++ • Shell Scripting • VBA • VB.Net •
Java • Oracle • MySQL • PL/SQL •
PowerBuilder • LATEX
Some experience with:
Python • R • Matlab • C# • JavaScript •
Nodejs
Familiar:
Hadoop • Spark • Apache Storm • MPI •
WebRTC

EXPERIENCE

INDRA | PROJECT MANAGER + SOFTWARE ARCHITECT
Jan 2007 – Jun 2013 | Panama, Panama
- Designed and maintained the architecture used in the software apps developed in the Indra Software Lab.
- Developed training curriculums for the acquisition of IT skills.
- Managed Software Projects based upon SOA Architecture (JEE/Microsoft .Net), Cliente/Server Architecture or Business Intelligence Implementations.
- Regional Electric Market (Central America) Management Information System design and implementation. Led the team that designed, developed and deployed the system, based on a Microsoft .Net SOA with interfaces with MATLAB and LINGO modules.

SOLUZIONA (GALP ENERGIA) | INFORMATION SYSTEM FUNCTIONAL MANAGER
Jan 2006 – Abr 2006 | Lisbon, Portugal
- Soluziona SL representative at GALP Energia.
- Functional Administrator of the ERP System at GALP Energia

SOLUZIONA | SOFTWARE DEVELOPER & TEAM LEADER
Jun 1999 – Dec 2005, May 2006 – Dec 2006 | Panama, Panama
- Analyzed, designed and developed client/server applications.
- Led software development team.

RESEARCH

PURDUE UNIVERSITY | RESEARCH
May 2015 – Present | West Lafayette, IN
Working with **Victor Santos**, **Servio Palacios** and **Dr. Ananth Grama** to develop a JavaScript Powered Distributed Systems for High Performance Computing.

UNIVERSIDAD PONTIFICIA DE SALAMANCA | MASTER THESIS
2007 | Madrid, Spain
A proposal of an e-learning authoring tool, based on the SCORM specification, supported by an Web Service architecture which facilitates the distribution and reuse of learning object. Advisor: **Dr. Jorge Torres**

AWARDS

2013	Fulbright Scholarship.
2006	Nominated for the IV International "C" Award for Work and Dedication, Unión Fenosa
2003	Fundación Carolina Fellowship for Graduate Studies in Spain.
1999	Graduation Rank: 4 out of 94 (Summa Cum Laude).

CERTIFICATIONS

2007	Project Manager Professional (PMP)

SOCIETIES

2007	Project Management Institute (Active Member)
2006	IEEE - Computer Society (Active Member)